

KEF UNI-Q® LOUDSPEAKERS



KEF XQ SERIES





acoustic eXcellence

Taste in music and movies is a very personal thing.

Same with speakers. For some people, the usual plain box will do; a speaker's a speaker.

Others want to experience something more special. More cutting edge. More rewarding. And that's who our new XQ Series has been created for.

By combining patented technologies from two of our most acclaimed ranges - the radical

new Q Series and the legendary Reference Series - the XQ concept gives you the best of both worlds: new KEF Uni-Q® 'point source' arrays for unrivalled off-axis performance, and Reference Series 'super audio' Hypertweeters™ for the full bandwidth response required to fully exploit digital formats like SACD and DVD-A. Together with ultra-low distortion bass and audiophile grade internal components, it's a combination you simply can't find anywhere else at the price.

The look - an evolution of the new Reference Series aesthetic - is about function, not fashion. From the chromed steel Hypertweeter pod to the curves of the cabinet, everything is calculated to produce a cleaner, purer sound.

Admittedly, the finish is a bit of an extravagance. You can specify your XQ system in either a cool, Natural Maple veneer or one of four high gloss lacquer finishes: Silver and Graphite Metallic (to complement AV equipment), Pearlescent White or Maranello Red. The aluminium front baffles are anodised in Silver.

But hey - when the technology inside creates such beautiful sound, they deserve to look special.

With all models magnetically shielded and identically voiced, the XQ Series fills the room with the kind of breathtaking auditorium quality 3D soundscape you normally only find with the world's most expensive speakers.

Which they're not. In fact, considering that they're packed with high end Reference Series technology, the XQ range is exceptional value for money. Hear them, you'll immediately see what we mean.



eXtended bandwidth performance

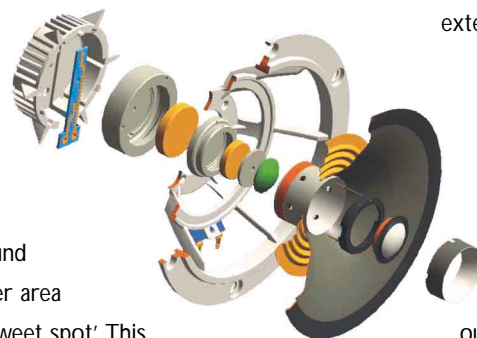
XQ speakers give you all the benefits of KEF's best-known innovation: the Uni-Q® driver array.

Using aerospace materials to make the tweeter small enough to mount in the acoustic centre of the bass/midrange cone, so that both act as single point source, this patented configuration evenly disperses the sound image over a much larger area than the conventional 'sweet spot'. This means that everyone experiences the same accurate 3-D sound quality wherever they sit - and it also gives you far greater freedom of speaker positioning.

The Uni-Q array in the XQ is the best yet, with a sophisticated 19mm ($\frac{3}{4}$ ") elliptical dome tweeter for even more realistic vocals, and the introduction of a Faraday ring that boosts output while reducing midrange distortion to unprecedented levels.



Developed directly from the Reference Series and time-aligned with the main array in its own low diffraction steel pod, KEF's new 19mm ($\frac{3}{4}$ ")



titanium dome Hypertweeter™ has the same wide dispersion characteristics at 'super audio' frequencies. With a flat response to 55kHz and useful energy up to 80kHz, it effortlessly outperforms conventional supertweeters and provides the high frequency extension you need to take full advantage of formats like SACD and DVD Audio.

At lower frequencies, the story's the same. Ports that are radiused symmetrically inside and out in order to cut harmonic distortion and turbulent noise. As a result, bass response is as open and natural-sounding as the midrange is accurate.

The technology doesn't stop there, of course. High performance audiophile crossovers improve power handling, with excellent polar response making transitions virtually inaudible.

The front baffles are trimmed with 6mm thick machined and anodised aluminium, shaped to minimises diffraction effects.

Even the cabinets themselves are engineered for listening pleasure. The walls are curved to reduce box colorations by spreading the frequency of any internal standing waves, and made of 18mm thick laminated MDF - much stiffer and denser than the standard material. Massive internal bracing further stiffens the cabinet walls.







XQ five

Tall, slim and assertive, XQ five is a genuine four-way floorstander with two 165mm (6½") bass drivers in addition to the 165mm (6½") midrange/HF Uni-Q® array and KEF's new titanium dome Hypertweeter™.

Nothing is allowed to compromise accuracy of output. The ultra-low distortion LF drivers are independently loaded in order to raise the frequency of any internal standing waves above the working frequency band, where they can't affect the integrity of the sound.

And to minimise any electrical coupling, the LF/MF crossover is physically separate from the HF/SHF sections.

What you experience is a big, all-enveloping sound image, perfectly controlled. Exquisite detail, wherever you sit. Exceptional lucidity, whatever the volume - uncannily so, with the latest digital formats.

If you want sound that takes you out of yourself, take five.

XQ three

All the sophistication of XQ five in a chic stand-mount format: the same 'super audio' high frequency extension, thanks to KEF's Hypertweeter™. The same outstanding elliptical dome 19mm ($\frac{3}{4}$ ") tweeter / 165mm ($6\frac{1}{2}$ ") midrange Uni-Q® array. A low-distortion 165mm ($6\frac{1}{2}$ ") bass driver in its own separate enclosure. The same separate high order crossovers for different sections of the frequency spectrum.

The look may be disarmingly simple, but there's no mistaking the richness and complexity of the sound image XQ three can create. When you hear what you've been missing, you suddenly understand what SACD and DVD Audio are all about.

For maximum rigidity and minimum resonance, the clean curves of the cabinet are laminated from layers of thick MDF like the rest of the range. A specially designed stand is available, of course. All you have to do is choose which of the sumptuous contemporary finishes best complements your room: Natural Maple veneer, Silver, Graphite Metallic, Pearlescent White or Maranello Red.





XQ one

Irresistible - the compact three-way stand mount speaker that's packed with Reference Series technology.

With a performance envelope extending way beyond what's audible, XQ one has everything it takes for immersing yourself in the world of modern digital sound: a 19mm ($\frac{3}{4}$ ") titanium Hypertweeter™ that puts conventional supertweeters to shame, its output perfectly aligned with the 165mm ($6\frac{1}{2}$ ") Uni-Q® array containing one of the most natural-sounding tweeters anywhere.

Don't be fooled by the relatively small size. Power handling is exceptional, and Uni-Q's inherent wide dispersion characteristics fill



any normal room with an expansive soundscape. Magnetically shielded like the rest of the range, it's equally at home shelf-mounted or on the available dedicated stand.

If you're after true audiophile quality wideband response without breaking the bank, this is the one.

XQ
two c

XQ
series



XQ one

XQ three

XQ five

XQ two c

Design Three-way bass reflex	Design Four-way bass reflex	Design Four-way bass reflex	Design Four-way closed box
Drive Units 165 mm (6½") Uni-Q® with 19 mm (¾") aluminium dome HF 19 mm (¾") titanium dome Hypertweeter™	Drive Units 165 mm (6½") LF 165 mm (6½") Uni-Q® with 19 mm (¾") aluminium dome HF 19 mm (¾") titanium dome Hypertweeter™	Drive Units 2 x 165 mm (6½") LF 165 mm (6½") Uni-Q® with 19 mm (¾") aluminium dome HF 19 mm (¾") titanium dome Hypertweeter™	Drive Units 2 x 165 mm (6½") LF 165 mm (6½") Uni-Q® with 19 mm (¾") aluminium dome HF 19 mm (¾") titanium dome Hypertweeter™
Frequency response at ±3 dB 60 Hz - 55 kHz	Frequency response at ±3 dB 55 Hz - 55 kHz	Frequency response at ±3 dB 45 Hz - 55 kHz	Frequency response at ±3 dB 60 Hz - 55 kHz
Crossover frequency 3 kHz, 15 kHz	Crossover frequency 350 Hz, 3 kHz, 15 kHz	Crossover frequency 300 Hz, 3 kHz, 15 kHz	Crossover frequency 350 Hz, 2.7 kHz, 15 kHz
Amplifier requirements 15 - 120W	Amplifier requirements 15 - 125W	Amplifier requirements 15 - 150W	Amplifier requirements 15 - 150W
Sensitivity (2.83V/1m) 89 dB	Sensitivity (2.83V/1m) 89 dB	Sensitivity (2.83V/1m) 90 dB	Sensitivity (2.83V/1m) 89 dB
Maximum output 109 dB	Maximum output 110 dB	Maximum output 112 dB	Maximum output 110 dB
Impedance 8 Ω (3.2 Ω min)	Impedance 8 Ω (3.2 Ω min)	Impedance 8 Ω (3.2 Ω min)	Impedance 8 Ω (3.2 Ω min)
Magnetic shielding Yes	Magnetic shielding Yes	Magnetic shielding Yes	Magnetic shielding Yes
Weight 9.2 kg (20.2 lbs)	Weight 14.5 kg (31.9 lbs)	Weight 24.3 kg (53.5 lbs)	Weight 17.5 kg (38.5 lbs)
Dimensions (H x W x D) [including grilles and hypertweeter] 374 [418] x 231 x 302 [308] mm 14.7 [16.4] x 9 x 11.9 [12.1] inches	Dimensions (H x W x D) [including grilles and hypertweeter] 571 [615] x 231 x 302 [311] mm 22.5 [24.2] x 9 x 11.9 [12.2] inches	Dimensions (H x W x D) [including grilles and hypertweeter] 1011 [1055] x 231 x 302 [311] mm 39.8 [41.5] x 9 x 11.9 [12.2] inches	Dimensions (H x W x D) [including grilles and hypertweeter] 231 [275] x 630 x 302 [311] mm 9 [10.8] x 24.8 x 11.9 [12.2] inches
Finishes Graphite, Silver, Pearlescent White, Maranello Red or Maple	Finishes Graphite, Silver, Pearlescent White, Maranello Red or Maple	Finishes Graphite, Silver, Pearlescent White, Maranello Red or Maple	Finishes Graphite, Silver, Pearlescent White, Maranello Red or Maple

XQ two c

Serious technology - and rightly so. Watching movies, nowhere is acoustic accuracy more important than the centre channel.

Hence the four-way centre speaker that completes the XQ range. Like the flagship floorstander, it packs two independently loaded 165mm (6½") ultra-low distortion bass drivers, flanking the 165mm (6½") Uni-Q® midrange array and titanium dome Hypertweeter™. It's equally sophisticated inside - the separate bass crossover, the same

high quality capacitors and inductors, the meticulously engineered enclosures.

The overall effect is so real it's unreal - all the more so with digital media. The rustle of a breeze. Fingertips on frets. Distant thunder. Shoes creaking. Cicadas in the grass. The flautist's intake of breath. You're there, simple as that.

You don't even need to look
- you need two C.

XQ
series



www.kef.com/xq

Dealer Stamp



KEF and Uni-Q are registered trademarks. Uni-Q is protected under GB patent 2 236929. US patent 5,548,657. Worldwide patents pending.

KEF Audio reserve the right, in line with continuing research and development, to amend or change specifications. Part No. PL1405EN.

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